

REQUEST FOR QUALIFICATIONS (RFQ)

Shasta County Regional Travel Data Collection Program

Interested applicants must [subscribe](#) to SRTA's bid posting webpage to receive notices when information and possible addenda become available.

RFQ issued August 20, 2018

Requested qualifications must be received no later than
5:00 PM PST on September 12, 2018

Shasta Regional Transportation Agency
1255 East Street, Suite 202
Redding, CA 96001
(530) 262-6190



2017 SRTA Board of Directors

Board Members

Susie Baugh, Chair
Francie Sullivan, Vice Chair
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Affiliation

City of Anderson
City of Redding
City of Shasta Lake
County of Shasta
County of Shasta
County of Shasta
Redding Area Bus Authority

Regional Agency Partners

Caltrans, District 2
City of Anderson
City of Redding
City of Shasta Lake
County of Shasta
Redding Area Bus Authority (RABA)
Healthy Shasta
North State Super Region (NSSR)
Pit River Tribe
Redding Rancheria (Yana, Wintu, Pit River)
Dignity Health Connected Living (DHCL)

Project Funding

This project is funded with federal and/or state planning funds.

Project Background and Need

As the designated Metropolitan Planning Organization (MPO) for the Shasta Region, Shasta Regional Transportation Agency (SRTA) is responsible for maintaining a regional travel demand model, developing a 20-year Regional Transportation Plan (RTP), and investing various transportation funds to achieve regional mobility goals. Traffic count data is essential to these activities. Specific applications include but are not limited to:

- Performance-based transportation planning and project prioritization;
- Grant-applications;
- Regional travel forecasting; and
- Reporting to state and federal funding partners.

In the past, SRTA provided funding to local jurisdictions to conduct and report traffic counts. SRTA is consolidating these activities under one regionally-administered data collection program to reduce costs, reduce administrative burdens, and to obtain more consistent and timely data. Specifically, SRTA needs the following:

- Motor vehicle travel data from 215 Highway Performance Monitoring System (HPMS) locations as shown in Attachment A (map of corridors on the HPMS network) and Attachment B (table with coordinates and attributes for each individual county locations).
- Motor vehicle travel data at additional, to-be-determined locations based on project-level needs.
- Bicycle and pedestrian travel data (desired, but not a required to respond to this RFQ).

SRTA intends to enter into a technical services agreement with one or more vendors to meet these needs.

Requested Qualifications

The intent of this RFQ is to enable SRTA to evaluate vendor experience, qualifications and capabilities. Responders are to submit a written narrative addressing each numbered item below:

1. Transmittal letter signed by an officer who may contractually bind the business.
2. Company profile, including:
 - Location of business;
 - Number of years in business;
 - Range of services provided; and
 - Key personnel that would be assigned to manage the project.
3. Statement of project understanding, including:
 - An understanding of HPMS data collection standards, essential data points (e.g. AADT, Peak Hour Volume, Directional Split, Truck Percentage, speed, etc.), and data delivery format.
 - An understanding of how travel data is generally used by regional agencies and their partners for planning, performance measures, and travel demand modeling.
 - An understanding of how 'big data' purchased from a third-party vendor may substitute or be combined with conventional traffic counts to meet HPMS data reporting requirements and support regional planning and programs. Note: SRTA has

purchased Streetlight Data (www.streetlightdata) and is interested in utilizing this data as an alternative to conventionally collected data if and where applicable.

4. Technical and Professional Qualifications, including:

- Experience performing similar work, including specific relevant projects successfully completed.
- Professional references that can vouch for the quality and timeliness of relevant work products previously completed. Please include: a) organization name; b) client address and website; and c) contact person and telephone number.
- Organizational capacity and readiness, including: a) how soon after contracting that work would commence, and b) lead time required in response to additional requested traffic count locations not on the HPMS network.

5. Fee schedule, including:

- Fee per traffic count. Please clearly define what services are included/not included as well as any terms, assumptions, and conditions associated with the fee schedule. *Note: fees should be fully-inclusive of all overhead, project management, communications, permits, traffic safety measures, and other expenses required to successfully carry out the work in a timely manner.*
- Stratified rates based on number of traffic counts may be provided, if applicable.

SRTA invites interested vendors to submit qualifications for the following optional services:

6. Bicycle and pedestrian counts:

- Include any prior experience collecting bicycle and pedestrian data.
- Recommend methodology
 - i. *Note #1: SRTA is interested in automated count technology, including several permanent count stations at key active transportation gateways and movable count stations that can be deployed at the project level.*
 - ii. *Note #2: SRTA recently purchased and is assessing the value of data collected through the 'Love to Ride' mobile device application (www.lovetoride.net) to expand bicycle travel data, including information on route selection and trip origin and destination.*
- Fee per bicycle and pedestrian count. Clearly define what services are included/not included and any terms, assumptions, and conditions.

Upon execution of a technical services agreement, work will be requested via task orders. The selected vendor(s) will provide a work plan, timeline, and a not-to-exceed fee consistent with this RFQ. All task orders shall be approved in writing by SRTA prior to beginning billable work.

Additional Technical Guidance and Assumptions:

- Vendor will collect classified (axle class) traffic count data each year. Counts will be for 48-hours, conducted during normal work weeks unless otherwise specified. Counts will be conducted Tuesday through Thursday when school is in session, not during holidays, and not on days when special events are taking place near the count locations.
- Consultant is responsible for the following during data collection:

- Obtaining any necessary encroachment permits (if required) with local jurisdictions or Caltrans for working within rights-of-way;
- Implementing appropriate traffic safety measures for working within rights-of-way. This includes following the most current MUTCD or other applicable standards.
- Notifying school districts and public schools when conducting traffic counts within one mile or less of a public-school facility.
- Determining the AM and PM peak hour for traffic analysis purposes.
- Counts will include all of the necessary HPMS data reporting requirements, as well as the following attributes (to the extent possible):
 - Total vehicle counts (ADT, AADT)
 - Truck counts and percentage of total traffic
 - Peak hours volume
 - Directional split
 - Speed data
 - GPS coordinates (latitude and longitude) for GIS mapping purposes
- Raw count data should be collected and reported in 15-minute intervals. Counts should be broken into the following periods:
 - Daily
 - AM Peak (6:00-9:00 am)
 - Off Peak – Mid day
 - PM Peak (3:00-6:00 pm)
 - Off Peak - Evening
- Raw count data shall be provided to SRTA in PDF and Excel spread sheet format, as specified in the data collection plan provided by the vendor and approved by SRTA. Maps shall be provided showing the location where counts were performed. Locational descriptions of HPMS data collection points shall be reviewed and verified prior to collection. Quarterly progress reports are to be provided by consultant during data collection.

Evaluation Criteria

Submittals will be evaluated based on the following:

Criteria	Scoring
Project understanding	15
Technical qualifications and experience	40
Value	40
Disadvantaged Business Enterprise (DBE)	5

Establishing a Vendor List and Future Selection Process

The selection committee will establish a vendor list and select future vendors by the following process:

1. Based on the above evaluation criteria weighting and information received from references, the committee will select vendors for further consideration.
2. This group of vendors will be provided a copy of SRTA's technical services agreement.

3. The committee may interview the vendors selected for further consideration.
4. The committee will select a list of up to five vendors for the provision of travel data collection, to be used for future projects, as applicable. The list will be valid for three years, at which time SRTA will issue a new RFQ.
5. As project needs arise, SRTA will interview the best-qualified vendors from the list for the applicable project(s) and select the top-ranked vendor with whom to negotiate a scope of work and associated costs. It is anticipated that one vendor will be selected to collect all HPMS travel data points.
6. If agreement on a fair and reasonable price cannot be reached, negotiations will be terminated and SRTA will proceed to negotiate with the next most qualified consultant.

Anticipated Project Schedule

Task/Activity	Start Date	End Date
Data Collection Plan	30 days from completion of technical services agreement	
Data Collection Year 1	January 1, 2019	December 31, 2019
Data Collection Year 2	January 1, 2020	December 31, 2020
Data Collection Year 3	January 1, 2021	December 31, 2021

Procurement Schedule

Release RFQ	August 20, 2018
Pre-submittal conference <i>Prospective vendors may choose to attend the pre-submittal conference in person at the SRTA offices or via teleconference (866-906-9888, Participant Code 8514637). A brief overview of this procurement will be provided, followed by an open question and answer period.</i>	10:00 AM PST, August 27, 2018
Deadline to submit questions <i>Questions may be submitted verbally during the pre-submittal conference or in writing no later than the questions deadline</i>	5:00 PM PST, August 29, 2018
Pre-submittal conference minutes and response to written questions posted online	August 30, 2018
Submittal Deadline (postmarks not accepted)	5:00 PM PST, September 12, 2018
Evaluation and Ranking of Qualifications	September 13 - 14, 2018
Interviews (if necessary)	September 17 - 18, 2018
Fully-executed technical services agreement	October 10, 2018 (anticipated)

Project Budget

A budget of up to \$100,000 over three-years has been estimated. This includes a set-aside for possible additional traffic counts (beyond the 215 HPMS locations) and a limited number of bicycle and pedestrian counts.

Questions and Contact Information

Questions concerning this RFQ will be responded to collectively and made available for interested applicants via the SRTA website. All email inquiries must be submitted no later than 5:00 PM on August 25, 2018, to the below contact person. **No oral questions will be taken or responded to outside of the pre-submittal meeting.** All responses to questions will be posted on the SRTA website (<http://www.srta.ca.gov/bids.aspx>) no later than August 29, 2018. Interested applicants must subscribe at this webpage to receive notifications regarding any addenda to the RFQ, or for responses to questions received.

Contact Person

Daniel Wayne
Senior Transportation Planner
srta@srta.ca.gov
530-262-6186

Standard Consulting Agreement

SRTA's standard Technical Services Agreement (TSA) is the basis for the agreement between SRTA and the selected vendor. The TSA template is available on the SRTA web posting for this procurement. An initial term of three years is anticipated.

Protest Procedure

Any protests to the executive director recommendation must be made promptly under SRTA's purchasing and contracting policies available on the SRTA website under Financial and Accounting Policies & Procedures.

Debriefing

SRTA will provide an informal debriefing to interested vendors not selected for this contract, once a contract has been negotiated and accepted by the parties.

Submittal of Qualifications

Submittals must be received electronically or at the SRTA office no later than **5:00 PM PST on September 12, 2018**. No submittals will be accepted after this time. **Postmarks are not acceptable.** Please submit requested qualifications to:

Shasta Regional Transportation Agency
Attn: Daniel Wayne, Senior Transportation Planner
1255 East Street, Suite 202
Redding, CA 96001
srta@srta.ca.gov

Disclaimers

Cost to Prepare Submittals: The cost of preparing and submitting qualifications, pre-contract meetings, and participating in an interview are at the sole expense of the prospective vendor. SRTA reserves the right to reject any or all submittals, and to waive any informality, technical defect, or clerical error in any submittal at SRTA's discretion. Solicitation of qualifications in no way obligates SRTA to contract with any firm or individual. The decision to approve and award a contract is at the discretion of SRTA.

Public Records Act: All submittals in response to the RFQ will become the exclusive property of SRTA. At such time, the SRTA executive director recommends a vendor to the board of directors and such recommendation appears on the board agenda, all qualifications submitted in response to the RFQ shall become a matter of public record. If there are any trade or proprietary secrets included by the vendor, the vendor may provide a different copy of the submittal that would be acceptable to release to the public. If an alternate document is not made available to SRTA by the vendor, then the original submittal will be released. Proprietary information can include secret formulas, processes, and methods used in production. It can also include a company's business and marketing plans, salary structure, customer lists, contracts, and details of its computer systems. In some cases, the special knowledge and skills that an employee has learned on the job are considered to be a company's proprietary information.

Modification or Withdrawal of Submittal: Any submittal received before the deadline may be withdrawn or modified either personally, through e-mail, or by written request of the vendor. SRTA must receive the modification in writing before the deadline in order to be considered. Submittals may be withdrawn following the deadline for a good cause; please consult with the RFQ contact person to discuss this.

RFQ Addendum or Addenda: Any changes to the RFQ will be made by written addenda issued by SRTA, and shall be considered part of the RFQ. The submittal deadline may be extended dependent upon the nature of the changes issued. Upon issuance, such addenda shall be incorporated into the agreement documents and shall prevail over inconsistent provisions of earlier issued documentation. Any addenda will be posted on-line only. It will be the vendor's responsibility to assure that all addenda are incorporated into the submittal as required according to all the terms and conditions. In no event will SRTA modify the RFQ with less than five (5) days remaining to the deadline, without extending the submittal deadline.

Verbal Agreement or Conversation: No prior, current, or post-award verbal conversations or agreement(s) with any officer, agent or employee of SRTA shall affect or modify any terms or obligations of this RFQ, or any contract resulting from this procurement.

Special Funding Considerations: Any contract resulting from this RFQ is financed with funds available to SRTA. The contract for this service is contingent upon the provision of these funds to SRTA. In the event these funds are reduced or eliminated, SRTA reserves the right to terminate or revise any contract.

DBE Requirement: SRTA has determined that disadvantaged business enterprises, as defined in 49

CFR Part 26, will have the opportunity to compete fairly for contracts financed, in whole or in part, with federal funds. SRTA has a disadvantaged business enterprise (DBE) goal of 4.8% for federal fiscal years 2017/2018/2019. SRTA encourages respondents to include the participation of DBE businesses within your submittal, if available and feasible.

Equal Employment Opportunity/Affirmative Action: In awarding a contract to a vendor, SRTA includes language within the contract which requires the vendor to certify their compliance with federal regulations.

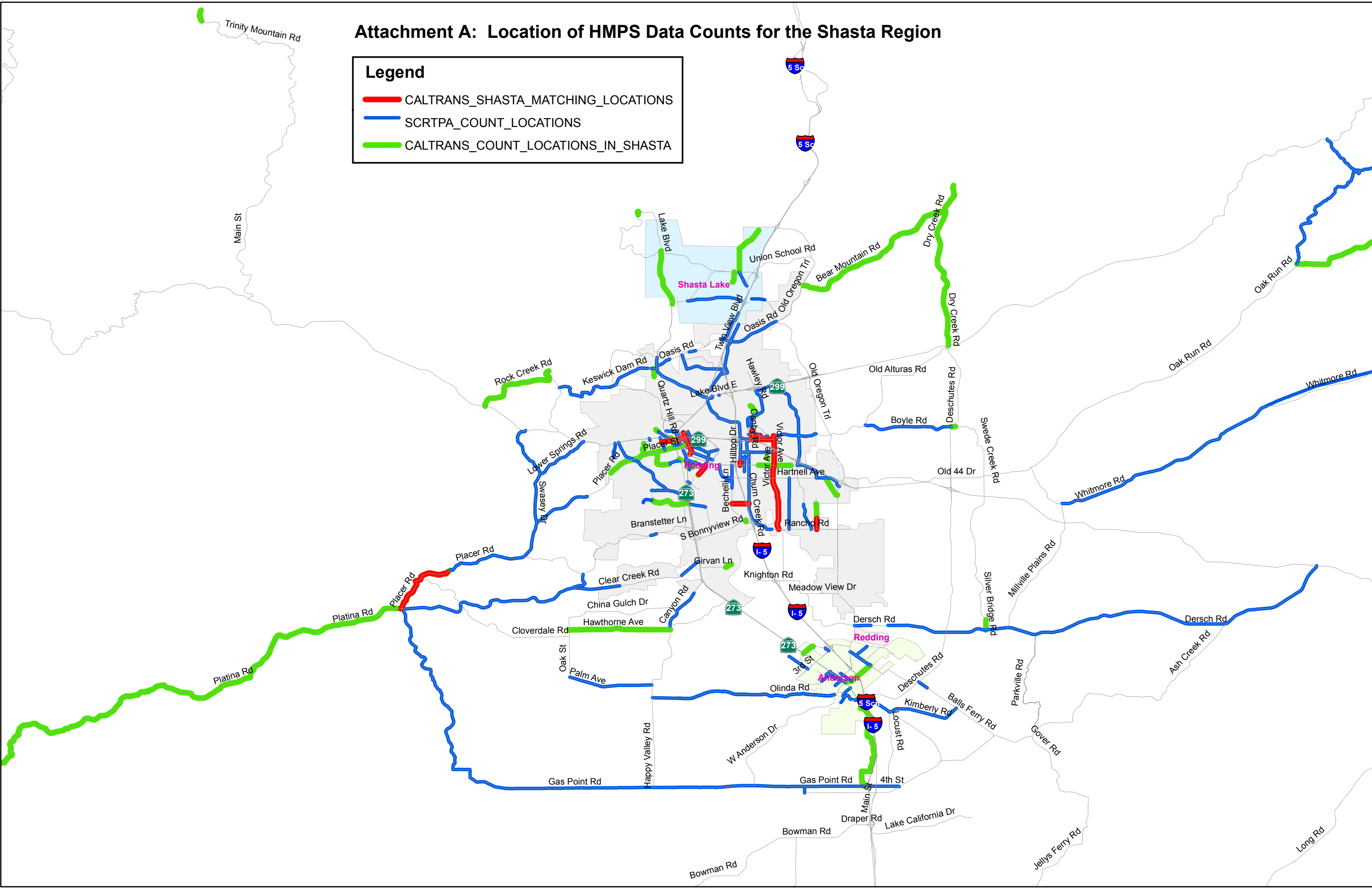
Attachment A: Location of HMPS Data Counts for the Shasta Region

Legend

CALTRANS_SHASTA_MATCHING_LOCATIONS

SCRTPA_COUNT_LOCATIONS

CALTRANS_COUNT_LOCATIONS_IN_SHASTA



Attachment B: HPMS Data Location Point Descriptions

	Route_ID	Begin_Point	End_Point	CO	Jur	STREET	FROM	TO	B_LAT	B_LONG	E_LAT	E_LONG	AADT	THROUGH_LANES	F_SYSTEM	FACILITY_TYPE
000000Y20001	SHA_CO_4TH ST_P	15.96	16.91	SHA	CO	4TH ST	BALLS FERRY RD	I-5	40.389153	-122.267865	40.389343	-122.285289	4500	2	4	2
000000Y22201	SHA_CO_AIRPORT RD_P	1.84	2.99	SHA	CO	AIRPORT RD	.15M N/RIVERSIDE AVE	CL .05M N/SUNSET LN	40.468584	-122.295801	40.486792	-122.293321	8110	2	4	2
000000Y22201	SHA_RDG_AIRPORT RD_P	2.99	6.34	SHA	RDG	AIRPORT RD	CL .05M N/SUNSET LN	CL RANCHO RD	40.486792	-122.293321	40.534771	-122.302797	10400	2	4	2
000000Y22201	SHA_CO_AIRPORT RD_P	6.34	7.35	SHA	CO	AIRPORT RD	CL RANCHO RD	CL .15M N/PICKFORD W	40.534771	-122.302797	40.54712	-122.302768	9760	2	4	2
000000V26201	SHA_SHLK_AKRICH ST_P	1.8	2.19	SHA	SHLK	AKRICH ST	LEONA AVE	CL @ MOODY CREEK DR	40.665163	-122.351367	40.664657	-122.343966	691	2	4	2
000000V26201	SHA_RDG_AKRICH ST_P	2.19	3.2	SHA	RDG	AKRICH ST	CL @ MOODY CREEK DR	OASIS RD	40.664657	-122.343966	40.652444	-122.337474	564	2	4	2
000000Y19401	SHA_CO_ALEXANDER AVE_P	1.87	2.2	SHA	CO	ALEXANDER AVE	SHWY 273	LITTLE ST	40.459643	-122.314992	40.465966	-122.307778	1400	2	5	2
000000Y23701	SHA_RDG_ALMOND AVE_P	0.71	0.77	SHA	RDG	ALMOND AVE	FOOTHILL BLVD	SHWY 299	40.585014	-122.40906	40.586088	-122.409444	3003	2	5	2
000000Y22401	SHA_RDG_ALTA MESA DR_P	0.66	1.66	SHA	RDG	ALTA MESA DR	RANCHO RD	LOMA VISTA DR	40.534724	-122.330247	40.545071	-122.33029	1180	2	5	2
000000Y22401	SHA_RDG_ALTA MESA DR_P	1.66	2.63	SHA	RDG	ALTA MESA DR	LOMA VISTA DR	HARTNELL DR	40.545071	-122.33029	40.563741	-122.330184	3848	2	5	2
000000VB2701	SHA_CO_ANTLERS RD_P	1.1	1.74	SHA	CO	ANTLERS RD	END .1M S/ANTLERS S	END .2M N/LAKESHR D	40.892436	-122.381772	40.886034	-122.380844	1310	2	6	2
000000VB5101	SHA_CO_ASH CRK RD_P	0	9.92	SHA	CO	ASH CRK RD	BALLS FERRY RD	DERSCH RD	40.418055	-122.214369	40.48134	-122.082947	570	2	4	2
000000Y27201	SHA_SHLK_ASHBY RD_P	0	0.12	SHA	SHLK	ASHBY RD	LAKE BLVD	CL E/ RR					4420	2	5	2
000000Y27201	SHA_SHLK_ASHBY RD_P	0.12	2.1	SHA	SHLK	ASHBY RD	CL E/ RR	SHWY 151			40.681056	-122.372196	4420	2	5	2
000000Y24701	SHA_RDG_ATHENS AVE_P	0	0.39	SHA	RDG	ATHENS AVE	CYPRESS AVE	SOUTH ST	40.57302	-122.376725	40.578495	-122.375474	9128	2	5	2
000000VB7401	SHA_CO_BALLS FERRY RD_P	2.48	2.93	SHA	CO	BALLS FERRY RD	FIRST ST	BLACK LANE RD			40.38966	-122.266893	920	2	5	2
000000Y20001	SHA_AND_BALLS FERRY RD_P	6.54	8.23	SHA	AND	BALLS FERRY RD	SHWY 273	CL 1.0M W/DESCHUTES	40.448231	-122.298056	40.447104	-122.258403	3630	2	4	2
000000Y20001	SHA_CO_BALLS FERRY RD_P	8.23	9.18	SHA	CO	BALLS FERRY RD	CL 1.0M W/DESCHUTES	DECHUTES RD	40.447104	-122.258403	40.44835	-122.256863	2000	2	4	2
000000Y20001	SHA_CO_BALLS FERRY RD_P	9.18	9.54	SHA	CO	BALLS FERRY RD	DECHUTES RD	URL @ RIVERLAND DR	40.44835	-122.256863	40.444977	-122.251916	2780	2	4	2
SHA_AND_BEACON	SHA_AND_BEACON DR_P	0	0.33	SHA	AND	BEACON DR	2ND ST	DIAMOND ST	40.447266	-122.319132	40.448687	-122.31184	626	2	5	2
000000Y22801	SHA_RDG_BECELLI LN_P	0.4	1	SHA	RDG	BECELLI LN	S. BONNYVIEW RD	WOODACRE DR	40.539006	-122.354825	40.545323	-122.362046	9850	2	4	2
000000Y22801	SHA_RDG_BECELLI LN_P	1.85	2.76	SHA	RDG	BECELLI LN	3RD ST	CYPRESS AVE	40.557968	-122.36265	40.570994	-122.362736	18594	4	4	2
000000Y26501	SHA_RDG_BELTLINE RD_P	0	0.54	SHA	RDG	BELTLINE RD	CATERPILLAR RD	OASIS RD	40.625571	-122.388215	40.63342	-122.390855	2685	2	5	2
000000V26901	SHA_CO_BIG BEND RD_P	0	16.49	SHA	CO	BIG BEND RD	SHWY 299	NELSON CRK RD	40.865669	-121.907352	41.021309	-121.910589	550	2	5	2
000000VC1501	SHA_SHLK_BLACK CNY RD_P	15.3	15.7	SHA	SHLK	BLACK CNY RD	MUSSEL SHOALS AVE	URL .4M N/MUSSEL SHOALS AVE	40.693598	-122.358349	40.683925	-122.36619	1550	2	5	2
000000VC1501	SHA_SHLK_BLACK CNY RD_P	15.7	15.85	SHA	SHLK	BLACK CNY RD	URL .4M N/MUSSEL SHOALS AVE	END OF ROAD	40.683925	-122.36619	40.683924	-122.366231	1140	2	5	2
000000Y26201	SHA_RDG_BOULDER DR_P	0.98	1.18	SHA	RDG	BOULDER DR	.22M E/BLACK MARBLE	BLACK MARBLE WY	40.61071	-122.369989	40.610703	-122.36997	652	2	5	2
000000VB4801	SHA_CO_BOYLE RD_P	0	2.8	SHA	CO	BOYLE RD	OLD ALTURAS RD	DESCHUTES RD	40.593817	-122.287079	40.592812	-122.23829	1800	2	5	2
000000Y27001	SHA_RDG_BRANSTETTER LN_P	6.12	6.97	SHA	RDG	BRANSTETTER LN	CL .31M E/GRANT LINE	CL.07M W/GRANT LINE	40.532282	-122.405365	40.531252	-122.408672	1730	2	5	2
000000Y27001	SHA_CO_BRANSTETTER LN_P	6.97	7.36	SHA	CO	BRANSTETTER LN	CL.07M W/GRANT LINE	CEDARS RD	40.531252	-122.408672	40.535864	-122.38904	1200	2	5	2
000000Y19701	SHA_AND_BRIGGS ST_P	0.35	0.53	SHA	AND	BRIGGS ST	CHURCH ST	SHWY 273	40.452364	-122.309313	40.454322	-122.306968	2970	4	5	2
000000Y20101	SHA_AND_BRUCE DR_P	0	0.54	SHA	AND	BRUCE DR	PINON AVE	SHWY 273	40.439765	-122.29878	40.444881	-122.295573	2997	2	5	2
000000Y23401	SHA_RDG_BUENAVENTURA BLVD_P	0	0.6	SHA	RDG	BUENAVENTURA BLVD	SHWY 273	CANYON CREEKRD	40.554588	-122.387967	40.557124	-122.39929	9828	2	4	2
000000Y23401	SHA_RDG_BUENAVENTURA BLVD_P	0.6	2.22	SHA	RDG	BUENAVENTURA BLVD	CANYON CREEKRD	PLACER ST	40.557124	-122.39929	40.574254	-122.418675	8300	2	4	2
000000Y23401	SHA_RDG_BUENAVENTURA BLVD_P	2.22	3.05	SHA	RDG	BUENAVENTURA BLVD	PLACER ST	SHWY 299	40.574254	-122.418675	40.583792	-122.426811	8380	2	4	2
000000Y24601	SHA_RDG_BUTTE ST_P	1.44	1.89	SHA	RDG	BUTTE ST	AUDITORIUM DR	EAST ST	40.586447	-122.382409	40.585021	-122.388277	4562	2	4	2
000000Y24601	SHA_RDG_BUTTE ST_P	1.89	1.96	SHA	RDG	BUTTE ST	EAST ST	PINE ST	40.585021	-122.388277	40.584687	-122.389589	1275	2	4	2
000000VB4201	SHA_CO_BUZZARD ROOST RD_P	0	6	SHA	CO	BUZZARD ROOST RD	OAK RUN RD	SHWY 299	40.737709	-122.007141	40.78606	-121.953375	170	2	5	2
000000Y22701	SHA_RDG_CANBY RD_P	8.12	8.59	SHA	RDG	CANBY RD	BROWNING ST	CHURN CREEK RD	40.59299	-122.353559	40.598253	-122.350934	5100	2	4	2
000000VB7001	SHA_RDG_CANYON CREEK RD_P	0.25	0.73	SHA	RDG	CANYON CREEK RD	BLAZINGWOOD DR	BUENAVENTURA BLVD	40.556716	-122.408209	40.557132	-122.399282	3880	2	5	2
000000V27201	SHA_CO_CANYON RD_P	6.96	7.63	SHA	CO	CANYON RD	HAPPY VALLEY RD	URL @ CHINA GULCH DR	40.479879	-122.397502	40.488546	-122.393648	4830	2	4	2
000000V27201	SHA_CO_CANYON RD_P	7.63	7.83	SHA	CO	CANYON RD	URL @ CHINA GULCH DR	URL.2M N/CHINA GULCH	40.488546	-122.393648	40.492861	-122.388847	5920	2	4	2
000000V27201	SHA_CO_CANYON RD_P	7.83	8.39	SHA	CO	CANYON RD	URL.2M N/CHINA GULCH	CL .1M W/VALLEY VIEW	40.492861	-122.388847	40.498622	-122.384021	7010	2	4	2
000000V27201	SHA_RDG_CANYON RD_P	8.39	9.14	SHA	RDG	CANYON RD	CL .1M W/VALLEY VIEW	SHWY 273	40.498622	-122.384021	40.506023	-122.379475	7649	2	4	2
000000Y27301	SHA_RDG_CASCADE BLVD_P	0	0.66	SHA	RDG	CASCADE BLVD	OASIS RD	CL .55MS/CRYSTAL ST	40.642066	-122.36712	40.657345	-122.358698	4315	2	5	2
000000Y27301	SHA_SHLK_CASCADE BLVD_P															

000000Y23301	SHA_RDG_COURT ST_P	5.81	6 SHA	RDG	COURT ST	.1M N/11TH ST	RIVERSIDE DR	40.587885	-122.398813	40.590393	-122.399981	14400	4	5	2
000000Y24301	SHA_RDG_CYPRESS AVE_P	0	0.966 SHA	RDG	CYPRESS AVE	PINE ST (SH 273)	HARTNELL AVE	40.576393	-122.386817	40.571255	-122.369706	20530	4	3	2
000000VB5401	SHA_CO_CYPRESS AVE_P	0.83	1.32 SHA	CO	CYPRESS AVE	HUDSON ST	OAKVIEW DR	40.87675	-121.661412	40.87703	-121.652453	1040	2	7	2
000000Y25401	SHA_RDG_DEODAR WY_P	2.23	2.54 SHA	RDG	DEODAR WY	SANTA ROSA WY	KESWICK DAM RD	40.62115	-122.406686	40.625631	-122.40666	178	2	5	2
000000Y20301	SHA_AND_DESCHUTES RD_P	0	0.32 SHA	AND	DESCHUTES RD	SHWY 273	BARNEY RD	40.436788	-122.289966	40.439069	-122.284648	5505	2	4	2
000000Y20301	SHA_CO_DESCHUTES RD_P	0.32	3.42 SHA	CO	DESCHUTES RD	BARNEY RD	URL .05M S/SAC RIVER	40.439069	-122.284648	40.462669	-122.243876	4200	2	4	2
000000Y20301	SHA_CO_DESCHUTES RD_P	3.42	15.82 SHA	CO	DESCHUTES RD	URL .05M S/SAC RIVER	SHWY 299	40.462669	-122.243876	40.63846	-122.24223	3870	2	4	2
000000Y19501	SHA_AND_DIAMOND ST_P	1.07	1.65 SHA	AND	DIAMOND ST	BEACON DR	W CENTER ST	40.448691	-122.311855	40.453429	-122.306237	816	2	5	2
000000Y20501	SHA_AND_EAST ST_P	0	0.49 SHA	AND	EAST ST	BALLS FERRY RD	END N/FRONTIER TR	40.448936	-122.294936	40.453175	-122.301088	1563	2	5	2
000000Y20601	SHA_AND_EMILY DR_P	0	0.23 SHA	AND	EMILY DR	SOUTH ST	BRUCE DR	40.442914	-122.302658	40.442154	-122.298735	958	2	5	2
000000YC2101	SHA_RDG_FAVRETTO AVE_P	0.59	0.94 SHA	RDG	FAVRETTO AVE	GRANGE ST	PARKVIEW AVE	40.568391	-122.386748	40.573113	-122.385541	609	2	5	2
000000VB4901	SHA_CO_FERN RD_P	0	7.71 SHA	CO	FERN RD	WHITMORE RD	FERN RD EAST	40.623373	-121.992811	40.62991	-121.992189	220	2	5	2
000000V26601	SHA_CO_FERN RD EAST_P	8.64	16.47 SHA	CO	FERN RD EAST	OAK RUN FERN RD	WHITMORE RD	40.688096	-121.930512	40.631929	-121.886835	290	2	5	2
000000YB7801	SHA_AND_FERRY ST_P	0	0.42 SHA	AND	FERRY ST	VERNON ST	W CENTER ST	40.446338	-122.304157	40.449468	-122.300471	1578	2	5	2
000000VB7401	SHA_CO_FIRST ST_P	0	2.1 SHA	CO	FIRST ST	CHARLES ST	MAIN ST	40.385576	-122.321457	40.385721	-122.281065	1350	2	5	2
000000YD1601	SHA_AND_FIRST ST_P	0.99	1.24 SHA	AND	FIRST ST	END OF RD	FAIRGROUNDS DR	40.449256	-122.313969	40.452023	-122.310691	703	2	5	2
000000V26101	SHA_CO_GAS POINT RD_P	0	19.527 SHA	CO	GAS POINT RD	PLATINA RD	I-5	40.489777	-122.550097	40.389312	-122.287236	1450	2	4	2
000000VB5901	SHA_CO_GILMAN ROAD_P	0	15.5 SHA	CO	GILMAN ROAD	I-5	FENDERS FERRY ROAD	40.848303	-122.337528	40.939923	-122.246572	150	2	5	2
000000YD1401	SHA_RDG_GIRVAN RD_P	1.62	2.52 SHA	RDG	GIRVAN RD	EASTSIDE RD	RIVER DR	40.513005	-122.380069	40.514975	-122.362961	3320	2	5	2
000000V26801	SHA_CO_GLENBURN RD_P	0	5.56 SHA	CO	GLENBURN RD	SHWY 299	MC ARTHUR RD	41.001214	-121.446638	41.061545	-121.489938	780	2	5	2
000000VB4301	SHA_CO_GOVER RD_P	0	2.08 SHA	CO	GOVER RD	TEH CO LN	ASH CRK RD			40.417781	-122.192603	560	2	5	2
000000Y27401	SHA_SHLK_GRAND COULEE BLVD_P	0	0.59 SHA	SHLK	GRAND COULEE BLVD	CASCADE BLVD	SHWY 151	40.67243	-122.354175	40.680241	-122.358453	2680	2	5	2
000000V27001	SHA_CO_HAPPY VALLEY RD_P	8.58	9.53 SHA	CO	HAPPY VALLEY RD	CANYON RD	URL .1M W/MAJESTIC V	40.479877	-122.397497	40.484643	-122.379149	2650	2	4	2
000000Y25501	SHA_RDG_HARTNELL AVE_P	0	0.76 SHA	RDG	HARTNELL AVE	CYPRESS AVE	BECHELLI LN	40.571279	-122.369594	40.563793	-122.362651	17980	4	4	2
000000Y25501	SHA_RDG_HARTNELL AVE_P	3.28	4.15 SHA	RDG	HARTNELL AVE	GOODWATER AVE	AIRPORT RD	40.563811	-122.314835	40.558978	-122.301782	4869	2	4	2
000000YB3601	SHA_RDG_HENDERSON RD_P	0	0.24 SHA	RDG	HENDERSON RD	WILSHIRE DR	KELLY LN	40.561464	-122.370217	40.564806	-122.371395	1830	2	7	2
000000YB3601	SHA_CO_HENDERSON RD_P	0.24	0.41 SHA	CO	HENDERSON RD	KELLY LN	.17M N/KELLY LN	40.564806	-122.371395	40.564013	-122.371956	4110	2	7	2
000000YB3601	SHA_RDG_HENDERSON RD_P	0.41	0.58 SHA	RDG	HENDERSON RD	.17M N/KELLY LN	SHWY 273	40.564013	-122.371956			7090	2	7	2
000000VB0401	SHA_CO_HONEYBEE RD_P	0	0.78 SHA	CO	HONEYBEE RD	TEXAS SPRINGS RD	CLEAR CRK RD	40.509266	-122.446883	40.501553	-122.451954	280	2	5	2
000000YC2501	SHA_RDG_HOWARD DR_P	1.02	2.72 SHA	RDG	HOWARD DR	SUNGLOW DR	BLAZINGWOOD DR	40.549757	-122.412843	40.551131	-122.407682	1170	2	7	2
000000Y23101	SHA_RDG_HOWARD DR_P	1.65	3.15 SHA	RDG	HOWARD DR	CEDARS RD	BLAZINGWOOD DR	40.549221	-122.390179	40.551131	-122.407682	1500	2	5	2
000000YD2301	SHA_CO_HUDSON ST_P	1.77	2.17 SHA	CO	HUDSON ST	CYPRESS AVE	SHWY 299	40.876753	-121.661401	40.882394	-121.661574	3470	2	7	2
000000YC2201	SHA_RDG_INDUSTRIAL ST_P	0	0.25 SHA	RDG	INDUSTRIAL ST	HILLTOP DR	CHURN CREEK RD	40.575397	-122.357969	40.575319	-122.353091	3630	2	5	2
000000YC2201	SHA_RDG_INDUSTRIAL ST_P	0.25	0.49 SHA	RDG	INDUSTRIAL ST	CHURN CREEK RD	END .24M E/CHURN CRK	40.575319	-122.353091	40.574613	-122.353093	6917	2	5	2
000000VC1301	SHA_CO_JIM DAY RD_P	2	3.83 SHA	CO	JIM DAY RD	DEE KNOCH RD	MAIN ST	41.033082	-121.384465	41.048634	-121.398303	870	2	5	2
000000Y26701	SHA_CO_KESWICK DAM RD_P	0	1.27 SHA	CO	KESWICK DAM RD	IRON MTN RD	URL 1.27M E/IRON MOUNTAIN RD	40.614866	-122.460386	40.614867	-122.460383	1980	2	4	2
000000Y26701	SHA_CO_KESWICK DAM RD_P	1.27	2.98 SHA	CO	KESWICK DAM RD	URL 1.27M E/IRON MOUNTAIN RD	CL .76M W/DEODAR WY	40.614867	-122.460383	40.625833	-122.410193	3640	2	4	2
000000Y26701	SHA_RDG_KESWICK DAM RD_P	2.98	3.19 SHA	RDG	KESWICK DAM RD	CL .76M W/DEODAR WY	CL .55M W/DEODAR WY	40.625833	-122.410193	40.625736	-122.408432	8410	2	4	2
000000Y26701	SHA_CO_KESWICK DAM RD_P	3.19	3.25 SHA	CO	KESWICK DAM RD	CL .55M W/DEODAR WY	CL .49M W/DEODAR WAY	40.625736	-122.408432	40.625641	-122.406691	3640	2	4	2
000000Y26701	SHA_RDG_KESWICK DAM RD_P	3.25	3.83 SHA	RDG	KESWICK DAM RD	CL .49M W/DEODAR WAY	LAKE BLVD	40.625641	-122.406691	40.62566	-122.405037	3614	2	4	2
000000Y20401	SHA_CO_KIMBERLY RD_P	3.91	4.73 SHA	CO	KIMBERLY RD	LOCUST RD	URL .05M E/AUSTIN HOY RD	40.431287	-122.273131	40.43224	-122.25923	404	2	5	2
000000Y20401	SHA_CO_KIMBERLY RD_P	4.73	6.16 SHA	CO	KIMBERLY RD	URL .05M E/AUSTIN HOY RD	BALLS FERRY RD	40.43224	-122.25923	40.43349	-122.235591	580	2	5	2
000000V27001	SHA_CO_KNIGHTON RD_P	10.66	11.28 SHA	CO	KNIGHTON RD	S. WOODLAKE DR	I-5	40.432464	-122.259245	40.505526	-122.336181	350	2	4	2
000000V27001	SHA_CO_KNIGHTON RD_P	11.28	12.56 SHA	CO	KNIGHTON RD	I-5	REDDING CL	40.505526	-122.336181	40.505545	122.338261	5050	2	4	2
000000Y22101	SHA_RDG_LAKE BLVD_P	0.98	3.59 SHA	RDG	LAKE BLVD	SHWY 273	CL.25M N/QUARTZ HILL	40.609348	-122.376725	40.631997	-122.40501	24836	4	4	2
000000Y22101	SHA_CO_LAKE BLVD_P	3.59	6.09 SHA	CO	LAKE BLVD	CL.25M N/QUARTZ HILL	SHASTA LAKE CL	40.631997	-122.40501	40.714427	-122.415104	4230	4	4	2
000000Y22101	SHA_SHLK_LAKE BLVD_P	6.09	7.84 SHA	SHLK	LAKE BLVD	SHASTA LAKE CL	SHWY 151	40.714427	-122.415104	40.691247	-122.402797	3072	4	4	2
000000Y22101	SHA_SHLK_LAKE BLVD_P	7.84	9.12 SHA	SHLK	LAKE BLVD	SHWY 151	SHLK CL	40.691247	-122.402797	40.714427	-122.415104	1206	2	4	2
000000Y22101	SHA_CO_LAKE BLVD_P	9.12	10.07 SHA	CO	LAKE BLVD	SHLK CL	SHASTA DAM	40.714427	-122.415104	40.691239	-122.402768	650	2	4	2
000000VB2601	SHA_CO_LAKESHORE DR_P	3.127	4.507 SHA	CO	LAKESHORE DR	LAKESHORE DR 7G001D	RIVERVIEW DR	40.850357	-122.42175	40.910004	-122.38697	200	2	5	2
000000VB5701	SHA_CO_LAKESHORE DR_P	15.5	15.65 SHA	CO	LAKESHORE DR	LAKESHORE DR 7G001A	ANTLERS RD			40.892454	-122.381761	1250	2	6	2
000000YC2301	SHA_RDG_LARKSPUR LN_P	0	0.58 SHA	RDG	LARKSPUR LN	MARAGLIA ST	EXECUTIVE WAY	40.567421	-122.355604	40.576208	-122.355309	3420	2	5	2
SHA_CO_LITTLE ST	SHA_CO_LITTLE ST_P	0	0.14 SHA	CO	LITTLE ST	ALEXANDER AVE	RIVERSIDE AVE	40.465967	-122.307788	40.467605	-122.309692	1627	2	5	2
000000Y20401	SHA_AND_LOCUST RD_P	0	0.17 SHA	AND	LOCUST RD	DESCHUTES RD	BARNEY ST	40.437866	-122.285693	40.437225	-122.283134	3192	2	5	2
000000Y20401	SHA_CO_LOCUST RD_P	0.17	0.84 SHA	CO	LOCUST RD	BARNEY ST	KIMBERLY RD	40.437225	-122.283134	40.43122	-122.273403	2400	2	5	2
000000Y24401	SHA_RDG_LOCUST ST_P	0	0.7 SHA	RDG	LOCUST ST	EAST ST	PARK MARINA DR	40.578519	-122.385737	40.574082	-122.373517	3682	2	5	2
000000YC1501	SHA_CO_LOWER SPRINGS RD_P	0	1.94 SHA	CO	LOWER SPRINGS RD	SWASEY DR	SHWY 299	40.566195	-122.471299	40.584472	-122.446493	700	2	5	2
000000Y23901	SHA_RDG_MAGNOLIA AVE_P	0	0.48 SHA	RDG	MAGNOLIA AVE	PLACER ST	SHWY 299	40.579765	-122.400571	40.586592	-122.403403	1690	2	5	2
000000VB7301	SHA_CO_MAIN ST_P	0	1.95 SHA	CO	MAIN ST	TEH CO LN	I-5					3280	4	4	2
000000VB2801	SHA_CO_MAIN ST_P	2.52	2.95 SHA	CO	MAIN ST	MOODY AVE	RIVERVIEW DR	40.906014	-122.383258	40.911184	-122.384244	160	2	6	2
000000VB5601	SHA_CO_MAIN ST_P	11.77	11.92 SHA	CO	MAIN ST	BRIDGE ST	SHWY 299			40.874146	-121.681688	490	2	5	2
000000Y19801	SHA_AND_MARMAC RD_P	0	0.48 SHA	AND	MARMAC RD	STINGY LN	RIVERSIDE DR	40.463288	-122.292401	40.468467	-122.286162	1075	2	5	2
000000YD2401	SHA_CO_MARQUETTE ST_P	0	0.5 SHA	CO	MARQUETTE ST	CYPRESS AVE	SHWY 299	40.876797	-121.657493	40.883459	-121.659173	3470	2	7	2

000000V26701	SHA_CO_MC ARTHUR RD_P	0	17.4	SHA	CO	MC ARTHUR RD	SHWY 89	SHWY 299	41.14568	-121.647064	41.049834	-121.403148	540	2	5	2
000000Y27101	SHA_RDG_MEADOW VIEW DR_P	0.45	0.94	SHA	RDG	MEADOW VIEW DR	CL W/GRANADA DR	AIRPORT RD	40.498387	-122.308065	40.498388	-122.302493	2707	2	5	2
000000VB4501	SHA_CO_MILLVILLE PLNS RD_P	0	4.8	SHA	CO	MILLVILLE PLNS RD	DERSCH RD	SHWY 44	40.479086	-122.206808	40.538402	-122.174218	760	2	5	2
SHA_CO_MISSOURI	SHA_CO_MISSOURI LN_P	0	0.75	SHA	CO	MISSOURI LN	SPRING GULCH RD	3RD ST	40.462828	-122.330273	40.455664	-122.319625	600	2	5	2
000000Y25801	SHA_RDG_MISTLETOE LN_P	0	1	SHA	RDG	MISTLETOE LN	HILLTOP DR	VICTOR AVE	40.578505	-122.357876	40.578381	-122.338681	6800	2	5	2
000000VB4001	SHA_CO_NOBLE TRAILS RD_P	7.53	7.83	SHA	CO	NOBLE TRAILS RD	END	MILLVILLE PLAINS RD	40.47847	-122.212624	40.480211	-122.206229	640	2	7	2
000000V26401	SHA_CO_OAK RUN RD_P	5.9	17.68	SHA	CO	OAK RUN RD	OLD FORTY FOUR DR	OAK RUN TO FERN RD	40.5665	-122.208342	40.684895	-122.042756	1220	2	5	2
000000V26401	SHA_CO_OAK RUN RD_P	17.68	24.29	SHA	CO	OAK RUN RD	OAK RUN TO FERN RD	SHWY 299	40.684895	-122.042756	40.755657	-122.025689	380	2	5	2
000000VB0601	SHA_CO_OAK STREET_P	0	2.46	SHA	CO	OAK STREET	PALM AVE	CHINA GULCH DR	40.451124	-122.454378	40.484959	-122.454665	1180	2	5	2
000000Y26801	SHA_RDG_OASIS RD_P	0	0.49	SHA	RDG	OASIS RD	LAKE BLVD	CL @ SP RR	40.627426	-122.405206	40.631053	-122.397716	4788	2	4	2
000000Y26801	SHA_CO_OASIS RD_P	0.49	0.79	SHA	CO	OASIS RD	CL @ SP RR	CL.08M W/BELTLINE RD	40.631053	-122.397716	40.63513	-122.3868	4500	1	4	2
000000Y26801	SHA_RDG_OASIS RD_P	0.79	1.31	SHA	RDG	OASIS RD	CL.08M W/BELTLINE RD	CL.45M E/BELTLINE RD	40.63513	-122.3868	40.635884	-122.383161	5316	2	4	2
000000Y26801	SHA_CO_OASIS RD_P	1.31	2.2	SHA	CO	OASIS RD	CL.45M E/BELTLINE RD	CL .13M W/CASCADE RD	40.635884	-122.383161	40.64233	-122.369099	4600	2	4	2
000000Y26801	SHA_RDG_OASIS RD_P	2.2	2.42	SHA	RDG	OASIS RD	CL .13M W/CASCADE RD	I-5	40.64233	-122.369099	40.641913	-122.366401	3059	2	4	2
000000Y26801	SHA_RDG_OASIS RD_P	2.42	4.41	SHA	RDG	OASIS RD	I-5	OLD OREGON TR	40.641913	-122.366401	40.652434	-122.337466	6916	2	4	2
000000V26301	SHA_RDG_OLD ALTURAS RD_P	0	0.472	SHA	RDG	OLD ALTURAS RD	CANBY RD	BROWNING ST	40.588403	-122.353319	40.587556	-122.34245	11908	4	4	2
000000V26301	SHA_RDG_OLD ALTURAS RD_P	1.4	1.93	SHA	RDG	OLD ALTURAS RD	.75M E/VICTOR AVE	CL@ ABERNATHHY LN	40.587568	-122.339025	40.588746	-122.314996	7240	2	4	2
000000V26301	SHA_CO_OLD ALTURAS RD_P	1.93	2.377	SHA	CO	OLD ALTURAS RD	CL@ ABERNATHHY LN	OLD OREGON TR	40.588746	-122.314996	40.58832	-122.306606	4500	2	4	2
000000V26301	SHA_CO_OLD ALTURAS RD_P	2.637	8.847	SHA	CO	OLD ALTURAS RD	URL .03M W/HOBBIE ACRES DR	DESCHUTES RD	40.588761	-122.303153	40.636736	-122.240499	1250	2	4	2
000000VB4601	SHA_CO_OLD FORTY FOUR DR_P	0	1.6	SHA	CO	OLD FORTY FOUR DR	WHITMORE RD	OAK RUN DR	40.54931	-122.175664	40.566486	-122.20835	870	2	5	2
000000V26401	SHA_RDG_OLD FORTY FOUR DR_P	0	0.46	SHA	RDG	OLD FORTY FOUR DR	OLD OREGON TRAIL	URL @ BRANDY LN	40.563906	-122.298973	40.563261	-122.290243	4168	2	5	2
000000V26401	SHA_CO_OLD FORTY FOUR DR_P	0.46	3.5	SHA	CO	OLD FORTY FOUR DR	URL @ BRANDY LN	DESCHUTES RD	40.563261	-122.290243	40.563776	-122.23867	1540	2	5	2
000000Y22201	SHA_RDG_OLD OREGON TR_P	8.17	8.9	SHA	RDG	OLD OREGON TR	SHWY 44	CL HARLEY LEIGHTON R	40.563776	-122.23867	40.58658	-122.306447	7521	2	4	2
000000Y22201	SHA_CO_OLD OREGON TR_P	8.9	10.2	SHA	CO	OLD OREGON TR	CL HARLEY LEIGHTON R	URL @ OLD ALTURAS RD	40.58658	-122.306447	40.588315	-122.306604	4800	2	4	2
000000Y22201	SHA_CO_OLD OREGON TR_P	10.2	16.24	SHA	CO	OLD OREGON TR	URL @ OLD ALTURAS RD	URL @ AKRICH ST	40.588315	-122.306604	40.652436	-122.337456	3270	2	4	2
000000Y22201	SHA_RDG_OLD OREGON TR_P	16.24	16.51	SHA	RDG	OLD OREGON TR	URL @ AKRICH ST	URL .025M SW/ALICIA PKWY	40.652436	-122.337456	40.654782	-122.33278	5435	2	4	2
000000Y22201	SHA_RDG_OLD OREGON TR_P	16.51	18.58	SHA	RDG	OLD OREGON TR	URL .025M SW/ALICIA PKWY	.85M N/ BEAR MTN RD	40.654782	-122.33278	40.672777	-122.322295	1353	2	4	2
000000Y22201	SHA_CO_OLD OREGON TR_P	22.96	23.09	SHA	CO	OLD OREGON TR	I-5	WONDERLAND BLVD	40.705382	-122.335878	40.706579	-122.339124	9550	2	5	2
000000Y20001	SHA_CO_OLINDA RD_P	0	5.21	SHA	CO	OLINDA RD	HAPPY VALLEY RD	URL .70M W/WANDERSON	40.439469	-122.407584	40.441137	-122.304596	3060	2	5	2
000000Y20001	SHA_CO_OLINDA RD_P	5.21	5.51	SHA	CO	OLINDA RD	URL .70M W/WANDERSON	CL .4M W/ANDERSON DR	40.441137	-122.304596	40.439099	-122.392756	3580	2	5	2
000000Y20001	SHA_AND_OLINDA RD_P	5.51	5.61	SHA	AND	OLINDA RD	CL .4M W/ANDERSON DR	.30M W/W ANDERSON DR	40.439099	-122.392756	40.439275	-122.400146	5182	2	4	2
000000Y27601	SHA_RDG_PALACIO DR_P	0	0.12	SHA	RDG	PALACIO DR	CHURN CREEK RD	.24M W/SHASTA VIEW DR	40.60522	-122.345526	40.607309	-122.33357	806	2	4	2
000000Y27601	SHA_RDG_PALACIO DR_P	0.12	0.36	SHA	RDG	PALACIO DR	.24M W/SHASTA VIEW DR	SHASTA VIEW DR	40.607309	-122.33357	40.60729	-122.330062	910	2	4	2
000000VB0701	SHA_CO_PALM AVE_P	1.25	3.78	SHA	CO	PALM AVE	OAK ST	HAPPY VALLEY RD	40.451154	-122.454405	40.446631	-122.407913	1480	2	5	2
000000YD1801	SHA_CO_PANORAMA PT RD_P	1.4	1.48	SHA	CO	PANORAMA PT RD	KIMBERLY RD	URL .08M S/KIMBERLY	40.431483	-122.27278	40.431483	-122.272756	1060	2	5	2
000000YD1801	SHA_CO_PANORAMA PT RD_P	1.48	4.07	SHA	CO	PANORAMA PT RD	URL .08M S/KIMBERLY	BALLS FERRY RD	40.431483	-122.272756	40.403983	-122.244403	960	2	5	2
000000Y24201	SHA_RDG_PARKVIEW AVE_P	0	0.59	SHA	RDG	PARKVIEW AVE	MARKET ST (SH 273)	FREEBRIDGE ST	40.573998	-122.387892	40.570743	-122.377794	7072	4	4	2
000000Y24201	SHA_RDG_PARKVIEW AVE_P	0.59	0.72	SHA	RDG	PARKVIEW AVE	FREEBRIDGE ST	PARK MARINA DR	40.570743	-122.377794	40.571792	-122.377011	13187	4	4	2
000000VB4401	SHA_CO_PARKVILLE RD_P	0	4.42	SHA	CO	PARKVILLE RD	ASH CRK RD	DERSCH RD	40.421988	-122.19085	40.475213	-122.190948	130	2	6	2
000000V26201	SHA_SHLK_PINE GROVE AVE_P	0	1.55	SHA	SHLK	PINE GROVE AVE	ASHBY RD	CASCADE BLVD	40.664	-122.387814	40.663922	-122.35707	4030	2	5	2
000000Y20201	SHA_AND_PINON AVE_P	0	0.8	SHA	AND	PINON AVE	KNOBCONE AVE	SHWY 273	40.436658	-122.300929	40.438617	-122.291396	4628	2	5	2
000000VB7601	SHA_CO_PITTVILLE RD_P	0	3.7	SHA	CO	PITTVILLE RD	LAS CO LN	SHWY 299			41.058974	-121.375561	750	2	5	2
000000VBL401	SHA_CO_PITTVILLE TOTEN RD_P	20.8	22.3	SHA	CO	PITTVILLE TOTEN RD	LASSEN CO LINE	SHASTA CO LINE					140	2	5	2
000000VB5001	SHA_CO_PONDEROSA WY_P	0	13.91	SHA	CO	PONDEROSA WY	SHWY 44	WHITMORE RD	40.509559	-121.93725	40.632225	-121.894948	330	2	5	2
000000Y26901	SHA_CO_QUARTZ HILL RD_P	0	0.5	SHA	CO	QUARTZ HILL RD	CL 1.35M W/DEODAR	URL @ KESWICK DAM RD	40.616671	-122.428247	40.616681	-122.428261	2700	2	4	2
000000Y26901	SHA_CO_QUARTZ HILL RD_P	2.7	2.9	SHA	CO	QUARTZ HILL RD	URL .8M W/LAKE BLVD	CL .6M W/LAKE BLVD	40.633661	-122.404862	40.632823	-122.40492	1390	2	5	2
000000Y26901	SHA_RDG_QUARTZ HILL RD_P	2.9	3.5	SHA	RDG	QUARTZ HILL RD	CL .6M W/LAKE BLVD	LAKE BLVD	40.632823	-122.40492	40.631997	-122.405003	902	2	5	2
000000Y23201	SHA_RDG_RADIO LN_P	0	0.44	SHA	RDG	RADIO LN	EASTSIDE RD	E. BONNYVIEW RD	40.548917	-122.386375	40.547265	-122.377584	3000	2	5	2
000000Y22001	SHA_RDG_RANCHO RD_P	0.64	2.37	SHA	RDG	RANCHO RD	CHURN CREEK RD	AIRPORT RD	40.534726	-122.335503	40.53474	-122.302745	5140	2	4	2
000000YC6401	SHA_RDG_RED BUD DRIVE_P	0.28	0.76	SHA	RDG	RED BUD DRIVE	ALTURA AVENUE	HALLMARK	40.58574	-122.426003	40.591059	-122.429002	1090	2	7	2
000000Y23601	SHA_RDG_RIDGE DR_P	0.42	0.98	SHA	RDG	RIDGE DR	LAKESIDE DR E	SHWY 299	40.575398	-122.429535	40.583325	-122.42881	2060	2	7	2
000000YC3101	SHA_RDG_RIVERIA DR_P	0	1.14	SHA	RDG	RIVERIA DR	MEADOW LN	CEDARS RD	40.547199	-122.408785	40.54772	-122.389966	3200	2	7	2
000000Y25301	SHA_RDG_RIVERSIDE DR_P	0	0.36	SHA	RDG	RIVERSIDE DR	COURT ST	SHWY 273	40.590395	-122.399977	40.590398	-122.393234	3630	2	5	2
000000VB5801	SHA_CO_RIVERVIEW DR_P	0	0.25	SHA	CO	RIVERVIEW DR	LAKESHORE DRIVE	.1M E/MAIN ST	40.910003	-122.386967	40.911192	-122.384256	210	2	5	2
000000VB5301	SHA_CO_ROCK CRK RD_P	0	8.4	SHA	CO	ROCK CRK RD	WILSON HILL RD	2.4M S/SHWY 44	40.44554	-121.867812	40.517538	-121.723058	450	2	6	2
000000VB5301	SHA_CO_ROCK CRK RD_P	8.4	10.8	SHA	CO	ROCK CRK RD	2.4M S/SHWY 44	SHWY 44	40.624387	-122.46626	40.60445	-122.502391	50	2	6	2
000000Y24001	SHA_RDG_ROSALINE AVE_P	0.65	0.99	SHA	RDG	ROSALINE AVE	AIRPARK DR	COURT ST	40.571765	-122.397547	40.573498	-122.392256	10284	2	5	2
000000YC4101	SHA_AND_RUPERT RD_P	0	0.67	SHA	AND	RUPERT RD	STINGY LN	END .67M E/STINGY L	40.460128	-122.287843	40.466543	-122.299256	1884	2	5	2
000000Y25701	SHA_RDG_SHASTA VIEW DR_P	0	1.03	SHA	RDG	SHASTA VIEW DR	RANCHO RD	CASTLEWOOD DR	40.534733	-122.317732	40.548851	-122.322034	2725	2	4	2
000000Y25701	SHA_RDG_SHASTA VIEW DR_P	2.71	2.83	SHA	RDG	SHASTA VIEW DR	GOODWATER AVE	SIMPSON BLVD	40.570864	-122.325601	40.612192	-122.333409	15192	2	4	2
000000Y25701	SHA_RDG_SHASTA VIEW DR_P	2.83	3.18	SHA	RDG	SHASTA VIEW DR	SIMPSON BLVD	HEMMINGWAY ST	40.612192	-122.333409	40.603695	-122.328373	4315	2	4	2
000000Y26401	SHA_RDG_SIERRA DR_P	0.44	0.64	SHA	RDG	SIERRA DR	MOUNTAIN VIEW DR	.20M E/ MTN VIEW DR	40.619821	-122.361193	40.620175	-122.363828	22	2	7	2
000000VB4701	SHA_CO_SILVER BRIDGE RD_P	0	4.2	SHA	CO	SILVER BRIDGE RD	DERSCH RD	SILVER SPUR RD	40.477778	-122.218797	40.534778	-122.227496	1220	2	5	2

000000Y19601	SHA_AND_SILVER ST_P	0	0.63	SHA	AND	SILVER ST	SOUTH ST	BRIGGS ST	40.450084	-122.304059	40.453081	-122.308429	2620	2	5	2
000000Y24501	SHA_RDG_SOUTH ST_P	1.16	2.16	SHA	RDG	SOUTH ST	PINE ST	PARK MARINA DR	40.581129	-122.388039	40.57971	-122.370534	4800	2	5	2
000000Y19101	SHA_AND_STINGY LN_P	0	0.84	SHA	AND	STINGY LN	NORTH ST	BALLS FERRY RD	40.465419	-122.295722	40.457728	-122.284374	4351	2	4	2
000000VB0201	SHA_CO_SWASEY DR_P	0	4.17	SHA	CO	SWASEY DR	PLACER RD	SHWY 299	40.538668	-122.472789	40.590655	-122.479453	1630	2	5	2
000000VB4701	SHA_CO_SWEDE CR RD_P	6.45	9.08	SHA	CO	SWEDE CR RD	OAK RUN RD	DESCHUTES RD	40.695133	-122.042277	40.592828	-122.236094	850	2	5	2
000000YD2001	SHA_CO_TAMARACK AVE_P	2.4	2.75	SHA	CO	TAMARACK AVE	PARK AVE	SHWY 299	40.876874	-121.674233	40.875928	-121.679173	1740	2	7	2
000000Y24901	SHA_RDG_TEHAMA ST_P	0	0.18	SHA	RDG	TEHAMA ST	COURT ST	CALIFORNIA ST(SH273)	40.584162	-122.39614	40.585371	-122.391284	1760	2	5	2
000000Y27001	SHA_RDG_Texas SPRINGS RD_P	5.32	5.51	SHA	RDG	TEXAS SPRINGS RD	URL .39M S/BRANSTETTER LN	1.0M S/ BRANSTETTER L	40.531694	-122.421557	40.531237	-122.40866	280	2	5	2
000000Y27001	SHA_RDG_Texas SPRINGS RD_P	7.61	7.75	SHA	RDG	TEXAS SPRINGS RD	.14M S/ BRANSTETTER L	0.2 S/ BRANSTETTER L	40.531824	-122.419092	40.531893	-122.417375	284	2	5	2
000000Y27001	SHA_CO_Texas SPRINGS RD_P	7.75	7.81	SHA	CO	TEXAS SPRINGS RD	0.2 S/ BRANSTETTER L	.14 S/ BRANSTETTER L	40.531893	-122.417375	40.531824	-122.419092	250	2	5	2
000000VB0101	SHA_CO_TRINITY MTN RD_P	0	15.08	SHA	CO	TRINITY MTN RD	SHWY 299	TRI CO LN	40.665238	-122.636521	40.667618	-122.633956	160	2	5	2
000000Y25101	SHA_RDG_TRINITY ST_P	0	0.08	SHA	RDG	TRINITY ST	CALIFORNIA ST	SHWY 273	40.588335	-122.394066	40.588654	-122.392697	2540	4	5	2
000000Y26301	SHA_RDG_TWIN VIEW BLVD_P	0	0.95	SHA	RDG	TWIN VIEW BLVD	SHWY 273	MOUNTAIN VIEW DR	40.613447	-122.375317	40.623235	-122.365185	6150	2	5	2
000000Y26301	SHA_RDG_TWIN VIEW BLVD_P	0.95	3.22	SHA	RDG	TWIN VIEW BLVD	MOUNTAIN VIEW DR	CL @ CROOKED OAK LN	40.623235	-122.365185	40.650811	-122.35879	1180	2	5	2
000000Y26301	SHA_SHLK_TWIN VIEW BLVD_P	3.22	4.22	SHA	SHLK	TWIN VIEW BLVD	CL @ CROOKED OAK LN	PINE GROVE AVE	40.650811	-122.35879	40.66319	-122.354285	1120	2	5	2
000000Y27301	SHA_CO_UNION SCHOOL RD_P	3.24	4.98	SHA	CO	UNION SCHOOL RD	URL @ I-5	OLD OREGON TR	40.680025	-122.350773	40.688788	-122.317592	1530	2	5	2
000000VB7701	SHA_AND_W CENTER ST_P	0	0.63	SHA	AND	W CENTER ST	BRIGGS ST	SOUTH ST	40.454088	-122.307235	40.448004	-122.298346	1146	2	5	2
000000VB1301	SHA_AND_WEST ANDERSON DR_P	6.15	6.71	SHA	AND	WEST ANDERSON DR	URL @ SHOOTING STAR WY	CL .05M S/OLINDA RD	40.434342	-122.309241	40.441161	-122.304616	930	2	5	2
000000VB1301	SHA_AND_WEST ANDERSON DR_P	6.71	6.76	SHA	AND	WEST ANDERSON DR	CL .05M S/OLINDA RD	OLINDA RD	40.441161	-122.304616	40.441132	-122.304586	783	2	4	2
000000YC3901	SHA_RDG_WEST ST_P	1.02	1.4	SHA	RDG	WEST ST	8TH ST	SHWY 299	40.590044	-122.404139	40.586209	-122.398638	4740	2	5	2
000000V26501	SHA_CO_WHITMORE RD_P	0.77	18.34	SHA	CO	WHITMORE RD	OLD FORTY FOUR DR	FERN RD EAST	40.549308	-122.17566	40.631944	-121.886859	1100	2	5	2
000000YB3501	SHA_RDG_WILSHIRE DR_P	0	0.03	SHA	RDG	WILSHIRE DR	HENDERSON RD	CL .03M E/HENDERSON	40.561475	-122.370243	40.564777	-122.371368	668	2	5	2
000000YB3501	SHA_CO_WILSHIRE DR_P	0.03	0.26	SHA	CO	WILSHIRE DR	CL .03M E/HENDERSON	CL .03M E/JOHN ST	40.564777	-122.371368	40.562321	-122.366015	907	2	5	2
000000YB3501	SHA_RDG_WILSHIRE DR_P	0.26	0.43	SHA	RDG	WILSHIRE DR	CL .03M E/JOHN ST	BECHELLI LN	40.562315	-122.366015	40.561894	-122.362615	3180	2	5	2
000000VB5201	SHA_CO_WILSON HILL RD_P	0	7.34	SHA	CO	WILSON HILL RD	ROCK CRK RD	SHWY 44	40.459131	-121.896437	40.492489	-121.887242	550	2	5	2
000000Y22901	SHA_RDG_WYNDHAM LN_P	1.1	1.2	SHA	RDG	WYNDHAM LN	POLK ST	SHWY 273	40.560595	-122.386196	40.561699	-122.387682	5150	2	5	2
000000Y24801	SHA_RDG_YUBA ST_P	0	0.19	SHA	RDG	YUBA ST	COURT ST	CALIFORNIA ST	40.582179	-122.395299	40.58307	-122.391736	3770	4	7	2